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## STRATEGY ECONOMETRICS OF ENVIRONMENTAL AND RESOURCE FOR RATIONALIZATION ELECTRICITY BY CARE LABELS TEXTILES AND APPAREL OF HOTELS & HOMES

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*Strategy econometrics of environmental and resource for rationalization electricity by care labels textiles and apparel of hotels & homes, economic theory of rationalization consumption and the wear-life of textiles and apparels depend on the care one takes of them. Existing knowledge of rationalization consumption that the house and hotel laundry operators regarding textiles and apparel labels, placement and forms of care instruction was good but, with respect to textiles and apparel care symbols, the respondents possessed poor knowledge. After the training the knowledge was found to be good. Knowledge gain was found significant regarding textiles and apparel care labels.*

**Key words:** *econometrics, rationalization, electricity, care labels, hotels & homes.*

### INTRODUCTION:

Strategy econometrics of environmental and resource for rationalization electricity by care labels textiles and apparel of hotels & homes, Textiles and apparel as ready-to-wear clothes usually come with a label that spells out how the clothes need to be cared for. However, the findings of a study show that the majority of clothes made and worn locally by dressmakers and tailors in several parts of Egypt do not have any kind of label [1, 2]. Clothes must be taken care of to lengthen their lifespan so that buyers get the greatest value for their money. Washing, drying, ironing, and dry cleaning are all aspects of caring for clothes, as are the right methods for storing and laundering. Knowing the precise fibers types from which a textiles and apparel is manufactured is also required in order to properly care for it. If producers want their customers to be able to maintain their clothes, they must include thorough care instructions [3, 4].

These instructions must be written in a style and form that is easy for customers to read and comprehend in order to be effective, observed, some house and hotel laundry operators completely remove the labels from the clothes because they find them to be bothersome and irritating, especially if they are sewn or affixed to the back of neckline for clothes. However, care instructions are now routinely written within knit clothes, near the neckline of clothes, thanks to current technology, for care labels, this offers a durable solution [5].



## PURPOSE

The findings of this study are meant to assist local clothes manufacturers in creating their labels scheme, especially with the symbols of textiles and apparel care labels that will be peculiar to how Egyptians care for their clothes as some countries have mandatory standards for care label instruction. Local clothes manufacturers will also use the findings to see the need to attach care labels to their products. They will likewise be helpful to home economics departments in various schools to intensify the teaching of the information on care labels.

## RESULTS AND DISCUSSION

Economic theory of rationalization consumption of homes & hotels with instructions of textiles and apparel care labels of more our students females participating in the study affirm that the majority of universities' home economic and hotel laundry operators courses such as home economic and hotel laundry operators sciences and home economic and hotel laundry operators studies are female dominated [4, 5]. Based on the results of this study students are aware that clothes have care labels attached to them which is encouraging and is in line with the result of the third Egyptian barometer for care labels which showed that 96% of Egyptians never or rarely buy textiles and apparel without a care label. Awareness of an item of textiles and apparel care labels are paramount to the usage of that item [5]. The results indicate, it can be said that students have positive perceptions of care labels.

Washing Symbols (fig. 1): The washing method saves & Reducing the rate of electricity consumption and saving five percent and maintains the safety and service life of the washing machine and Maintaining the safety and increasing the lifespan of clothing.

				
Machine wash	Hand wash	Do not wash	Dry clean only	Do not dry clean

Fig. 1. Washing symbols

Washing temperature symbols (fig. 2): Washing temperature saves five percent of the electricity bill and maintains the safety and service life of the washing machine.




		
Cold Temperature Water: between 65°F and 85°F.	Warm Temperature Water: max temperature of 105°F.	Hot Temperature Water: max temperature of 120°F.

Fig. 2. Washing temperature symbols

Washing machine symbols (fig. 3): Washing machine systems the washing method saves five percent of the electricity bill and maintains the safety and useful life of the washing machine... and the useful life of the clothes... and the amount of water used.

		
Normal Cycle:	Permanent Press Cycle:	Delicate Cycle:

Fig. 3. Washing machine symbols



General drying symbols (fig. 4): drying systems save five percent of the electricity bill and maintain the safety and useful life of the washing machine... and the useful life of the clothes... and the amount of water used.

Tumble Drying Allowed	Do Not Tumble Dry	Hang to Dry	Dry Flat	Do Not Wring

**Fig. 4.** General drying symbols

Drying temperature symbols (fig. 5): Drying temperature saves five percent of the electricity bill and maintains the safety and useful life of the washing machine... and the useful life of the clothes... and the amount of water used.

Tumble Dry	Low Heat	Medium Heat	High Heat	No Heat/Air

**Fig. 5.** Drying temperature symbols

Tumble dry laundry symbols (fig. 6): saves five percent of the electricity bill and maintains the safety and useful life of the washing machine... and the useful life of the clothes... and the amount of water used.

Normal Cycle: towels, sheets, jeans, t-shirts, and sweatpants	Permanent Press Cycle: reduce wrinkles in fabrics with synthetic fibers	Delicate/Gentle Cycle: dry clothes but is safer for delicate fabrics or garments prone to shrinking.

**Fig. 6.** Tumble dry laundry symbols

Bleaching symbols (fig. 7): saves five percent of the electricity bill and maintains the safety and useful life of the washing machine... and the useful life of the clothes... and the amount of water used.

Bleaching Allowed	Do not bleach	Use non- chlorine Bleach

**Fig. 7.** Bleaching symbols

Ironing Symbols (fig. 8): saves five percent of the electricity bill and maintains the safety and useful life of the washing machine... and the useful life of the clothes... and the amount of water used.

Iron low	Iron medium	Iron high	Do not Iron	No steam added to Iron

**Fig. 8.** Ironing Symbols

**Egyptian Detergents:** saves five percent of the electricity bill and maintains the safety and useful life of the washing machine and the useful life of the clothes and the amount of water used. Make sure you use the right laundry detergent for the wash cycle you pick, like the Egyptian detergents, cold water clean for cold washes or use a detergent like Egyptian detergents that's suitable for any temperature. Get the best out of your laundry, the results of studies showed that house and hotel laundry operators see many of the symbols of textiles and apparel



care labels as not intuitively linked to their meaning which makes them unrecognizable and that they prefer care labels that are written out in words. This goes to show that care labels should not only be in symbol of textiles and apparel care labels form but be attached to their meanings, because symbols of textiles and apparel care labels that are used in conjunction with words have a deeper meaning. House and hotel laundry operators should be able to get the meaning of the information on care labels and easy to understand. As a result of House and hotel laundry operators' inability to understand the meaning of all the symbols of textiles and apparel care labels, has developed an application known as to help Egyptians to understand the symbols of textiles and apparel care labels.

### CONCLUSIONS

By following the instructions for using tools (washing machines, steam boilers, and ironing machines) and using types of (Egyptian industrial detergents) to care for clothes and furnishings for hotels and homes.

It was found that most of the tools and devices used in clothing care in Egyptian hotels (washing machines, steam boilers, and ironing machines).

Industrial detergents... are imported... in addition to a large number of these home appliances that are imported... they operate on large electrical power... and their maintenance is expensive... and those working on clothing and upholstery care operations for hotels and homes. They are not familiar with the instructions written on care labels... as well as the manufacturers of care devices and tools.

A new vision for reducing electrical loads... reducing 20% of the value of the home electricity bill... and increasing the consumable life of clothes.

This can be accomplished through media awareness.

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